

REMARKS

Applicant appreciates the Examiner making comments in the Advisory Action on the previous response, even though not entered. Applicant wishes to further clarify support for the amendment to claims 42 and 47, which was indicated in the Advisory Action to raise an issue of new matter.

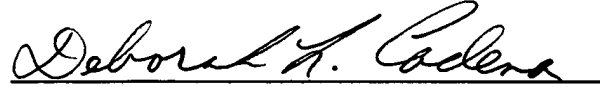
Claims 42 and 47 are based on original claim 15. In step (a) of original claim 15, the method recites "identifying a first bi-ligand to a first receptor in a receptor family." As indicated in the previous response, the amendment to claims 42 and 47 is supported in original claim 1, and the amendment is also supported in original claim 9, both of which are directed to identifying bi-ligands. The incorporation of language from claims 1 and 9 merely explicitly recites steps for "identifying a first bi-ligand," as recited in the previous version of claims 42 and 47. Language deleted from step (a) of claims 42 and 47 merely omitted language that would be redundant with the newly added claim language. Further support for the amendment to recite "enzyme" can be found, for example, on page 11, lines 6-13. Additional support is also provided, for example, on page 8, lines 29-31; page 13, line 32, to page 14, line 2; page 15, lines 1-13; and page 31, lines 23-33, which indicates that a common ligand can be a cofactor or mimic thereof and that a specificity site can be a substrate binding site. The amendment to step (b) merely recites that the second bi-ligand is identified using the same steps as for the first bi-ligand. The amendment to step (c) explicitly recites the orientation between the common ligand, the second ligand and the third ligand that results in the previously recited whereby clause, "whereby said bi-target ligand can bind to said first enzyme and said second enzyme," and the amendment is supported on page 47, line 16, to page 48, line 16. Accordingly, the amendment to claims 42 and 47 does not introduce new matter and entry thereof is respectfully requested.

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The Examiner is invited to call the undersigned agent if there are any questions.

Respectfully submitted,

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